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U.S. PTC

# UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

14131-1

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

Docket No.

### TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

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|-------------|--------|--------------------------|------------|-------------------|---------|----------------|---------------------|--------------------------------|------------------|
|             |        |                          |            | filing under 35   | 5 U.S.  | C. 111(a) ar   | nd 37 C.F.R. 1.53   | (b) is a new utility patent ap | plication for an |
| invention   |        |                          |            | AL ELECTRO        | )KIN    | ETIC DEVI      | CF                  |                                |                  |
| VAN         | TAD    | LEI                      | OLENII     | AL ELECTR         | JKIN    | EIIC DEVI      | C.E.                |                                |                  |
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| ⊠ C         | onti   | inuat                    | ion 🗆      | Divisional        |         | Continuati     | on-in-part (CIP)    | of prior application No.:      | 10/066,528       |
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| Enclos      | ed a   | are:                     |            |                   |         |                |                     |                                |                  |
|             |        |                          |            |                   |         | Applica        | tion Elements       |                                |                  |
| 1.          | X      | Filir                    | ig fee as  | calculated and    | d tran  | smitted as d   | lescribed below     |                                | •                |
| 2.          | ×      | Sno                      | cification | having            |         | 15             | pages and i         | naluding the following:        |                  |
| ۷.          |        | Spe                      | cification | naving            |         | 45             | pages and i         | ncluding the following:        |                  |
|             | a.     | $\boxtimes$              | Descript   | tive Title of the | e Inve  | ention         |                     |                                |                  |
|             | b.     |                          | Cross R    | deferences to     | Relate  | ed Application | ons (if applicable) |                                |                  |
|             | C.     |                          | Stateme    | ent Regarding     | Fede    | rally-sponso   | ored Research/De    | evelopment (if applicable)     |                  |
|             | d.     |                          | Referen    | ce to Sequen      | ce Lis  | sting, a Table | e, or a Computer    | Program Listing Appendix       |                  |
|             | e.     | ×                        | Backgro    | ound of the Inv   | /entio  | n ,            |                     |                                |                  |
|             | f.     | ×                        | Brief Su   | mmary of the      | Inver   | ntion          |                     |                                |                  |
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|             | j.     | $\boxtimes$              | Abstract   | t of the Disclo   | sure    |                |                     |                                |                  |

## UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 14131-1

Total Pages in this Submission 76

## **Application Elements (Continued)** 3. \( \sum \) Drawing(s) (when necessary as prescribed by 35 USC 113) a. 🛛 Formal Number of Sheets b. 🗆 Informal **Number of Sheets** ☑ Oath or Declaration a. 🔲 Newly executed (original or copy) ☐ Unexecuted b. 🛛 Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only) c. 🔲 With Power of Attorney d. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). ☑ Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix) ☐ Application Data Sheet (See 37 CFR 1.76) 7. a. Computer Readable Form (CFR) Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. 🔲 Paper c. Statement(s) Verifying Identical Paper and Computer Readable Copy **Accompanying Application Parts** 9. Assignment Papers (cover sheet & document(s)) ☐ Information Disclosure Statement/PTO-1449 12. Copies of IDS Citations 13. Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 16. Certificate of Mailing ☐ First Class ☐ Express Mail (Specify Label No.): EV 390735068 US

# UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 14131-1

Total Pages in this Submission 76

| 17. | × | Applicant claims small entity status. See 37 CFR 1.27.   |
|-----|---|--|
|     |   | Optional) Small Entity Statement(s) - Specify Number of Statements Submitted:  |
| 18. |   | Additional Enclosures (please identify below):   |
|     |   |  |
|     |   |  |
|     |   |  |
|     |   |  |
|     |   |  |
|     |   | Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)  |
| 19. |   | Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.  |
|     |   | Warning  |
|     |   | An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional. |
|     |   | $\cdot$  |

**Accompanying Application Parts (Continued)** 

## UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 14131-1

Total Pages in this Submission 74

### Fee Calculation and Transmittal

#### **CLAIMS AS FILED** #Filed #Allowed Fee For #Extra Rate \$0.00 **Total Claims** 16 -20 =\$9.00 .\$43.00 4 - 3 = 1 \$43.00 Indep. Claims \$0.00 Multiple Dependent Claims (check if applicable) \$385.00 **BASIC FEE** \$0.00 OTHER FEE (specify purpose) **TOTAL FILING FEE** \$428.00 ☐ A check in the amount of to cover the filing fee is enclosed. The Director is hereby authorized to charge and credit Deposit Account No. 19-2090 as described below. \$428.00 as filing fee. Credit any overpayment. ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Dated: February 26, 2004

Page 4 of 4

CC:

Michael Fedrick Reg. No. 36,799 Sheldon & Mak

225 S. Lake Ave., 9th Floor Pasadena, CA 91101 Tel: 626-796-4000 Fax: 626-795-6321 PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| <b>FEE TRANSMITTAL</b>   | C                       | omplete if Known |  |
|--|-------------------------|------------------|--|
|  | Application Number      | Unknown          |  |
| for FY 2004  | Filing Date             | Herewith         |  |
| Effective 10/01/2003. Patent fees are subject to annual revision | 7. First Named Inventor | RAKESTRAW et al. |  |
| Applicant claims small entity status. See 37 CFR 1.27            | Examiner Name           | To Be Assigned   |  |
|  | Art Unit                | To Be Assigned   |  |
| TOTAL AMOUNT OF PAYMENT (\$) \$428.                              | Attorney Docket No.     | 14131-1          |  |
|  |                         |                  |  |

| ME   | THC       | D OF            | PAYMENT                           | (check all that apply)                         |                      |               |             | FE             | E CALCULA                          | ATION (co      | ontinued)      | *           |          |
|--|-----------|-----------------|-----------------------------------|--|----------------------|---------------|-------------|----------------|------------------------------------|----------------|----------------|-------------|----------|
| Check Credit card Mone Other None                                |           |                 |                                   |  | 3. ADDITIONAL FEES   |               |             |                |                                    |                |                |             |          |
| Deposit /  | Accour    | ıt:             | <u></u>                           | <u> </u>                                       | Large Fee            | Entity<br>Fee | Smal<br>Fee | LEntity<br>Fee | _                                  | D 41           |                |             |          |
| Deposit<br>Account   |           |                 | 10 2000                           |  | Code                 | (\$)          | Code        | (\$)           |                                    | Description    |                |             | Fee Paid |
| Number   |           |                 | 19-2090                           |  | 1051                 | 130           | 2051        |                | Surcharge - late                   | <u> </u>       |                |             |          |
| Deposit<br>Account   |           | C               | HELDON 6                          | MAY  | 1052                 | 50            | 2052        | 25             | Surcharge - late<br>sheet          | provisional    | illing tee or  | cover       |          |
| Name   |           | 3               | HELDON &                          | IVIAK  | 1053                 | 130           | 1053        | 130            | Non - English s                    | pecification   |                |             |          |
| The Director is  | s autho   | rized to        | : (check all t                    | that apply)                                    | 1812                 | 2,520         | 1812        | 2,520          | For filing a requ                  | est for ex pa  | arte reexami   | ination     |          |
| Charge fee   | e(s) indi | cated be        | elow Credi                        | it any overpayments                            | 1804                 | 920*          | 1804        | 920*           | Requesting pub action              | lication of S  | IR prior to E  | Examiner    |          |
| Charge an  | y addito  | nal fee(        | s) cr any underpayr               | ment of fee(s)                                 | 1805                 | 1,840*        | 1805        | 1,840*         | Requesting pub                     | lication of S  | IR after Exa   | aminer      |          |
|  |           |                 | elow, except for the              | e filing fee                                   | 1251                 | · 110         | 2251        | 55             | action<br>Extension for re         | nlv within fir | et month       |             |          |
| to the above-id  |           |                 |                                   |  | 1251                 | 420           | 2252        | 210            |                                    |                |                | h           |          |
|  |           |                 | ALCULATIO                         | DN .   | 1252                 | 950           | 2252        |                | Extension for re                   |                |                | •           |          |
| 1. BASIC FILING FEE Large Entity   Small Entity                  |           |                 |                                   |  |                      | 1.480         | 2254        | 740            |                                    | • •            |                |             |          |
| Large Entity Fee Fee   |           | all Enti<br>Fee |                                   | on   |                      | 2,010         | 2255        | 1.005          |                                    | • •            |                |             |          |
| Code (\$)  |           | e (\$)          |                                   | Fee Paid                                       | 1401                 | 330           | 2401        |                | Notice of Appea                    | • •            | armonar        |             |          |
| 1001 770   | 200       |                 | Utility filing fee                | 385.00   | 1402                 | 330           | 2402        |                | Filing a brief in s                |                | n anneal       |             |          |
| 1002 340   |           |                 | Design filing fee                 | •  | 1402                 | 290           | 2402        |                | Request for oral                   |                | парреал        |             |          |
| 1003 530   |           |                 | Plant filing fee                  |  |                      | 1.510         | 1451        |                | Petition to institu                | _              | lice procee    | dina        |          |
| 1004 770   |           |                 | Reissue filing fe                 |  | 1451                 | 110           | 2452        | •              | Petition to revive                 | ,              | •              | ung         |          |
| . 1005 160   | 200       |                 | Provisional filin                 |  |                      | 1.330         | 2452        |                | Petition to revive                 |                |                |             |          |
|  |           | SU              | IBTOTAL (1)                       | (\$) \$385.00                                  |                      | 1,330         | 2501        |                | Utility issue fee                  |                | onai           |             |          |
| 2. EXTR  | A CLA     | IM FE           | ES FOR UTIL                       |  | 1502                 | 480           | 2501        | 240            | Design issue fee                   | • •            |                |             |          |
|  | 1         | Extra C         |                                   | Fee from below Fee Paid                        | 1502                 | 640           | 2502        |                | Plant issue fee                    | 5              |                | •           |          |
| Total Claims   |           | -20*            |                                   | 9.00 = 0.00                                    | 1460                 | 130           | 1460        |                | Petitions to the                   | Commission     | nor.           |             |          |
| Independent<br>Claims  |           | 4 - 3**         | '= 1 X                            | 43.00 = 43.00                                  | 1807                 | 50            | 1807        |                | Processing fee                     |                |                | ~\          |          |
| Multiple Depe  | endent    |                 |                                   | =  | 1806                 |               | 1806        |                | Submission of I                    |                | • .            | 4)          |          |
| Large Entity   | _         |                 | _                                 | !  | 1000                 | 180           | 1000        | 180            | Statement                          | illormation t  | Jisciosure     |             | L        |
| Fee Fee<br>Code (\$)   |           | Fee<br>e (\$)   | Fee Des                           | cription                                       | 8021                 | 40            | 8021        | 40             | Recording each (times number of    |                |                | property    |          |
| 1202 18  |           |                 | Claims in exces                   |  | 1809                 | 770           | 2809        | 385            | Filing a submiss<br>(37 CFR § 1.1) |                | al rejection   |             |          |
| 1201 86<br>1203 290  |           | 43<br>3 145     | •                                 | aims in excess of 3<br>dent claim, if not paid | 1810                 | 770           | 2810        | 385            |                                    | nal inventio   | n to be exa    | mined       |          |
| 1204 86  |           | 43              |                                   | ependent claims                                | 1801                 | 770           | 2801        | 385            | Request for Cor                    |                | mination (R    | CE)         |          |
|  |           |                 | over original                     |  | 1802                 | 900           | 1802        | 900            |                                    |                | •              | •           |          |
| 1205 18  | 220       | 9               | ** Reissue clair<br>and over orig | ms in excess of 20 inal patent                 | Oth                  |               |             |                | of a design appl                   | lication       |                |             |          |
| 011070711 (0)  |           |                 |                                   |  |                      | ei 166 (      | specify     | <i>'</i> —     |                                    | •              |                | _           |          |
| 147  |           |                 |                                   |  | •Re/                 | fuced t       | nv Rasir    | Filing         | Fee Paid                           | SUBTO          | TAL (3)        | (\$)        |          |
| **or number previously paid, if greater; For Reissues, see above |           |                 |                                   |  |                      |               | , 50310     |                |                                    |                |                | (8)         |          |
| SUBMITTE   | р вү      | -               |                                   |  | -                    | Dogist-       | otion M     | _              |                                    | Complete (     | if applicable) |             |          |
| Name (Print/Type) Michael Fedrick                                |           |                 |                                   |  | ation No<br>y/Agent) | ).<br>        | 36,799      | Telephone      |                                    | 626-796-4      | 000            |             |          |
| Signature  | -         | 0               | Million                           | & Jedrick                                      | _                    |               |             |                |                                    | Date           | Feb            | ruary 26, 2 | 2004     |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| olicant(s): RAKESTRA                  | AILING BY "EXPRESS<br>W et al.  | MAIL" (37 CFR 1.10)  | Docket No.<br>14131-1                  |
|---------------------------------------|---------------------------------|--|--|
| Serial No.                            | Filing Date                     | Examiner   | Group Art Unit                         |
| Unknown .                             | Herewith                        | To Be Assigned   | To Be Assigned                         |
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| Thereby derany that the re            | nowing correspondence.          |  |  |
| Fee Transmittal and Tran              | smittal Letter (5 pages); Preli | minary Amendment (8 pages); Pate                                       | nt Application for                     |
| Variable Potential Electro            | kinetic Devices (60 pages); C   | opy of declaration (2 pages); Return                                   | n Postcard                             |
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| CFR 1.10 in an envelope               | addressed to: Commissione       | r for Patents, P.O. Box 1450, Alex                                     | andria, VA 22313-1450                  |
| <u> </u>                              | February 26, 2004               |  |  |
|                                       | (Date)                          |  |  |
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|                                       | (Dail)                          | Betty Jauregu  | ıi                                     |
|                                       |                                 | Betty Jauregu<br>(Typed or Printed Name of Person Mail                 |  |
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|                                       |                                 |  | ing Correspondence)                    |
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